Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010926.D
Acq On : 17 Jun 2020 03:55
Operator : CG/JU
Sample : L2988-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D2-20200608

Quant Time: Jun 17 05:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2400	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	8333	0.40	ng		-0.01
13) Acenaphthene-d10	14.16	164	4437	0.40	ng		-0.01
19) Phenanthrene-d10	16.92	188	9370	0.40	ng		0.00
27) Chrysene-d12	21.12	240	9354	0.40	ng		-0.01
34) Perylene-d12	23.26	264	9795	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	660	0.14	ng		0.00
5) Phenol-d6	6.74	99	455	0.08	ng		0.00
8) Nitrobenzene-d5	8.68	82	2144	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	3930	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	593	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	6501	0.37	ng		0.00
25) Fluoranthene-d10	18.95	212	9548	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	10871	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	12315	5.239	ng		99
22) Pentachlorophenol	16.58	266	167	0.085	ng		91
26) Fluoranthene	18.98	202	587	0.020	ng		94
30) Benzo(a)anthracene	21.11	228	590	0.021	ng	#	76
31) Chrysene	21.15	228	652	0.020	ng	#	84
32) Bis(2-ethylhexyl)phthalate	21.06	149	944	0.103	ng	#	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	805	0.022	ng		99
35) Benzo(b)fluoranthene	22.64	252	669	0.020	ng	#	1
36) Benzo(k)fluoranthene	22.68	252	711	0.020	ng	#	1
39) Benzo(g,h,i)perylene	26.01	276	720	0.021	ng	#	51

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Quant Time: Jun 17 05:04:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
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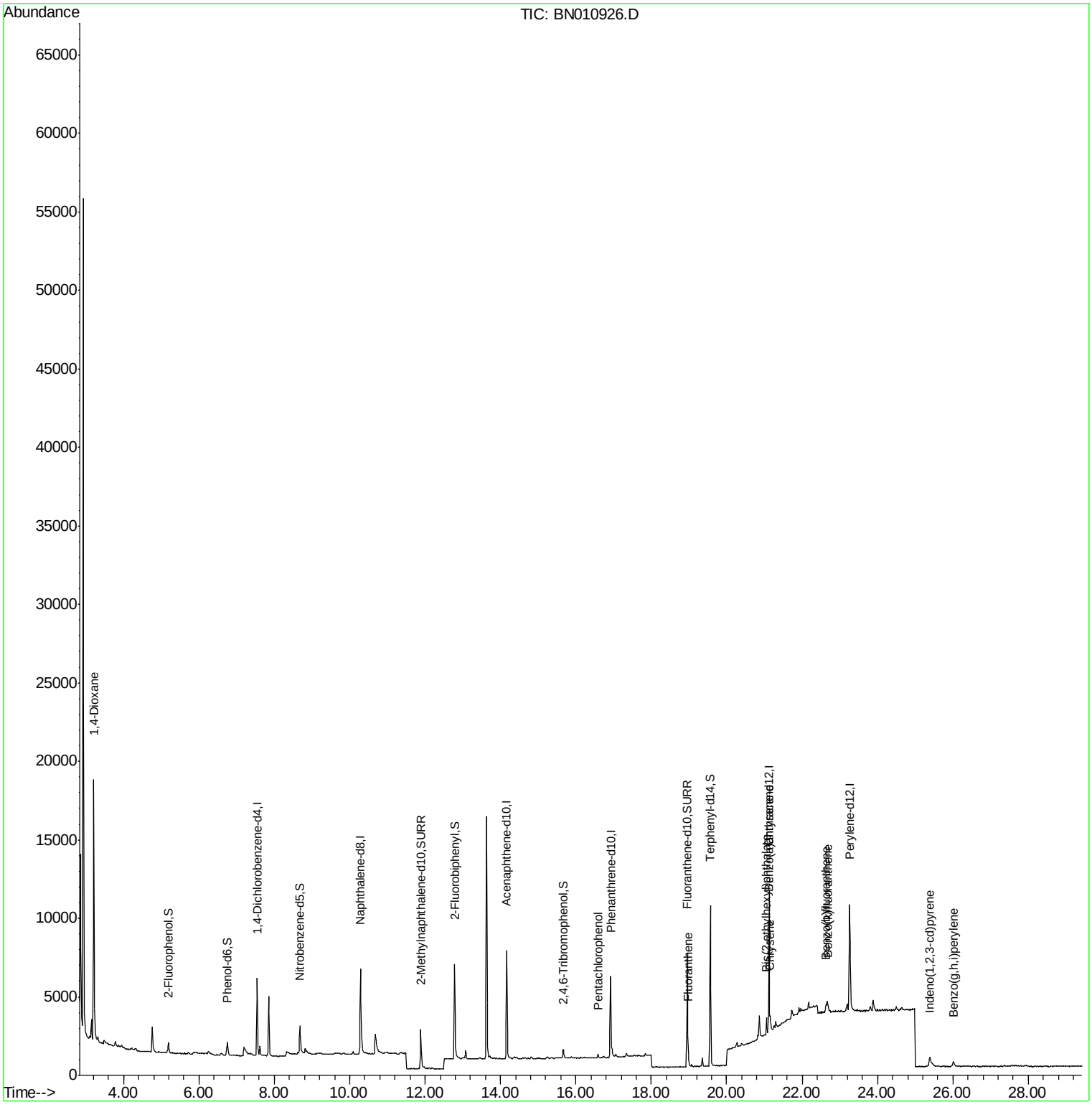
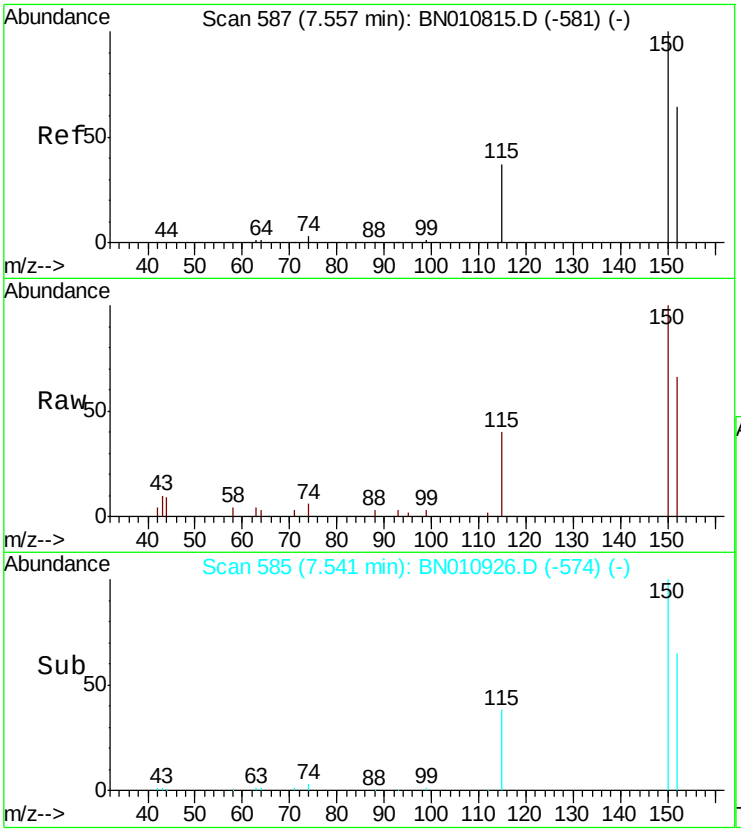


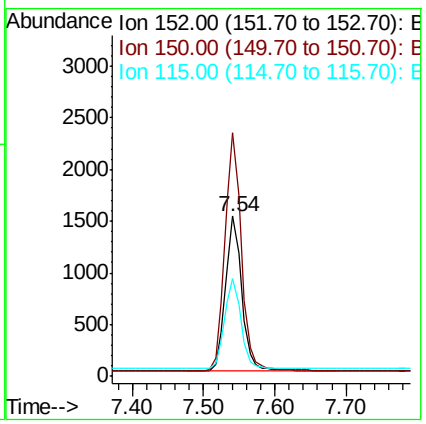


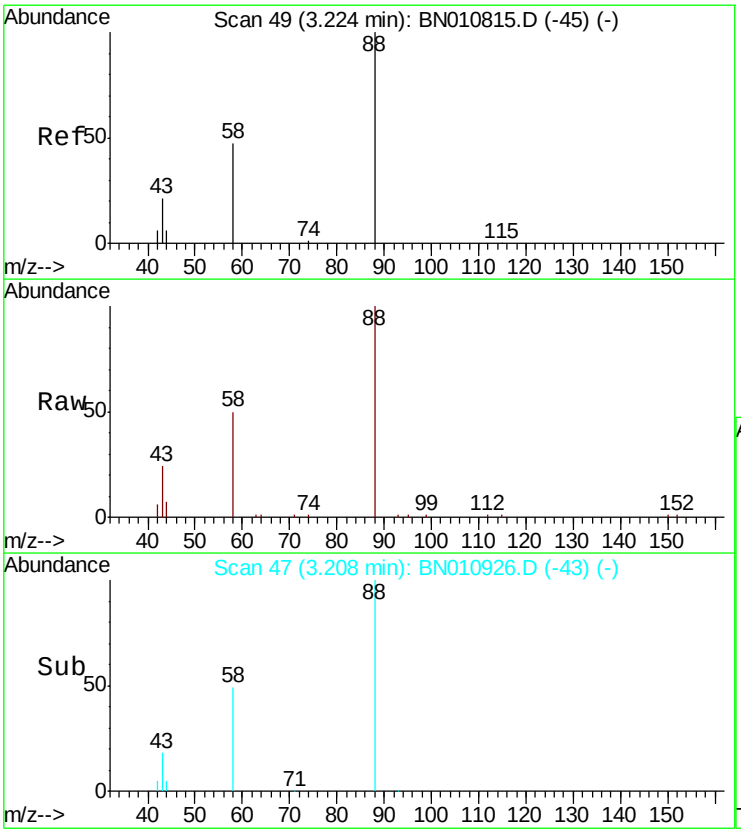
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:152 Resp: 2400

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.6
115	61.1	49.2	73.8

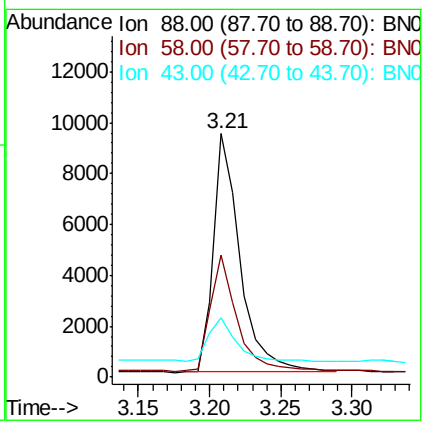


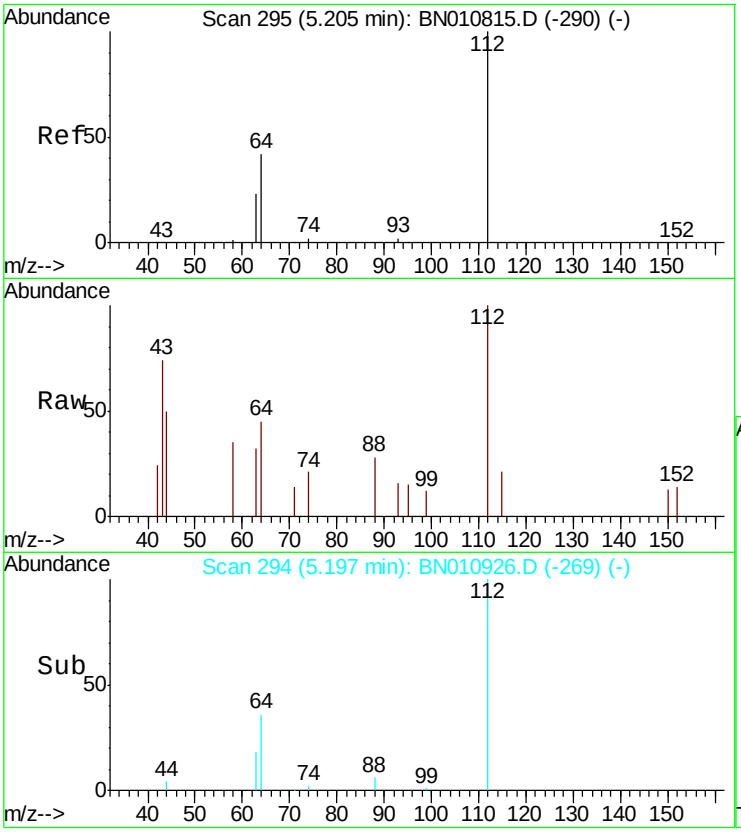


#2
1,4-Dioxane
Concen: 5.239 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion: 88 Resp: 12315

Ion	Ratio	Lower	Upper
88	100		
58	46.9	38.2	57.4
43	18.7	15.1	22.7



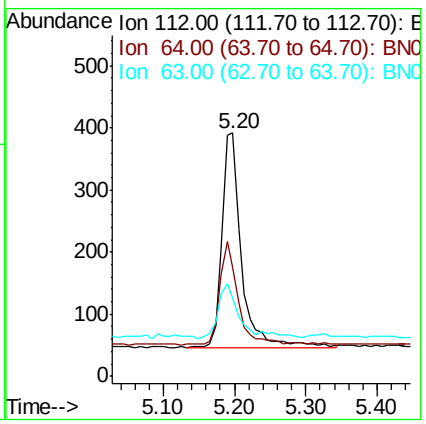


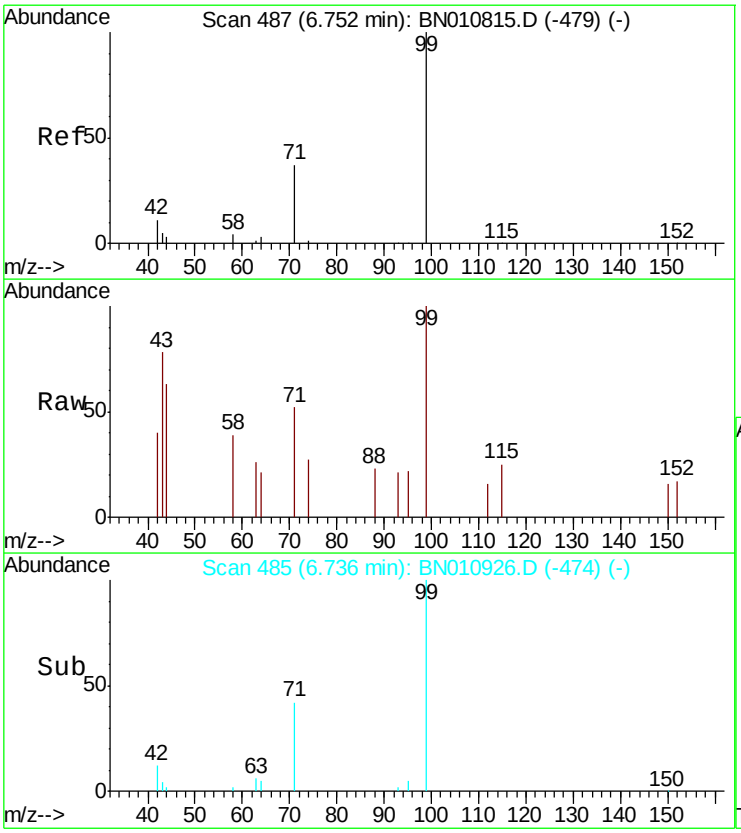
#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:112 Resp: 660

Ion	Ratio	Lower	Upper
112	100		
64	43.8	37.4	56.0
63	24.7	22.2	33.4

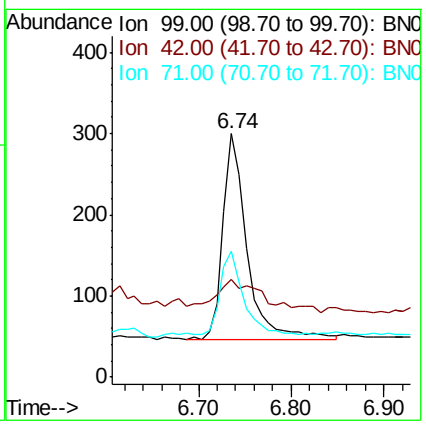


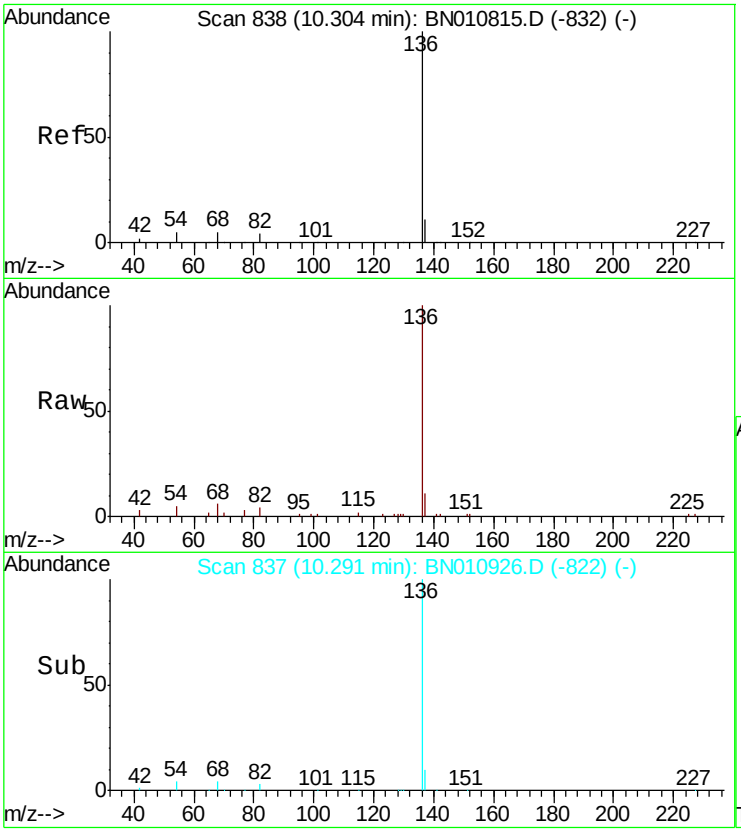


#5
Phenol-d6
Concen: 0.083 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion: 99 Resp: 455

Ion	Ratio	Lower	Upper
99	100		
42	31.6	11.1	16.7#
71	40.0	31.4	47.2



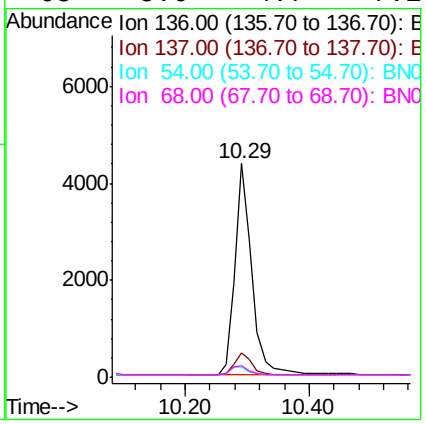


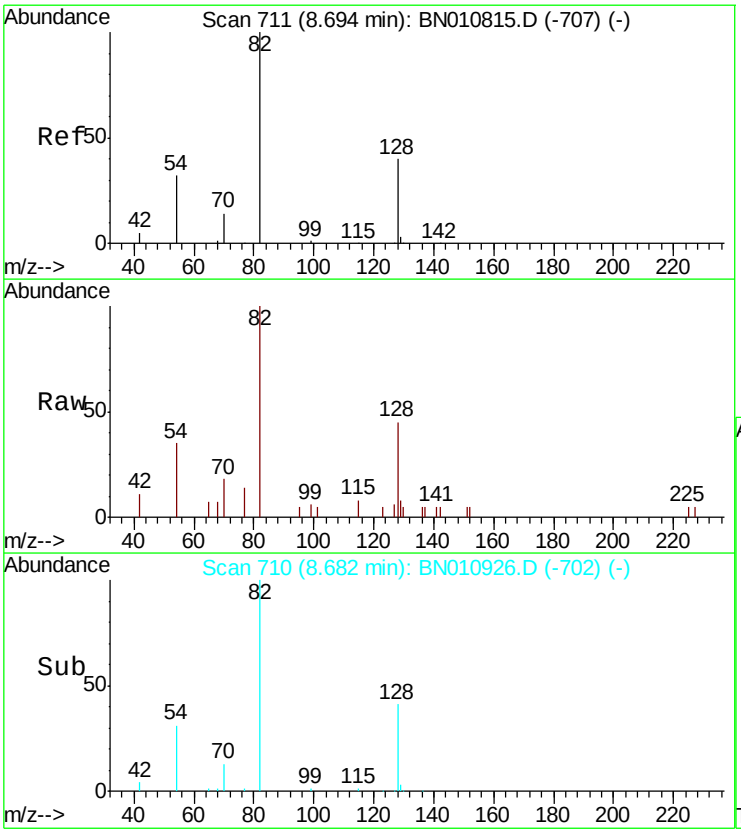
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:136 Resp: 8333

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.7	14.5
54	4.7	4.9	7.3#
68	5.6	4.7	7.1

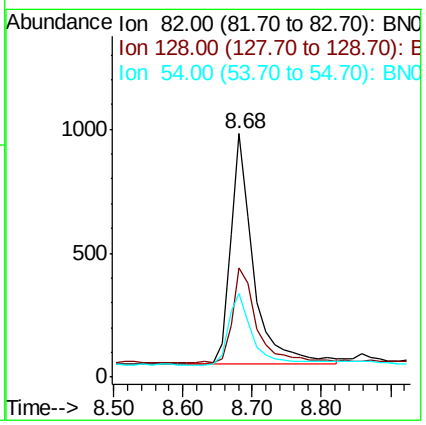


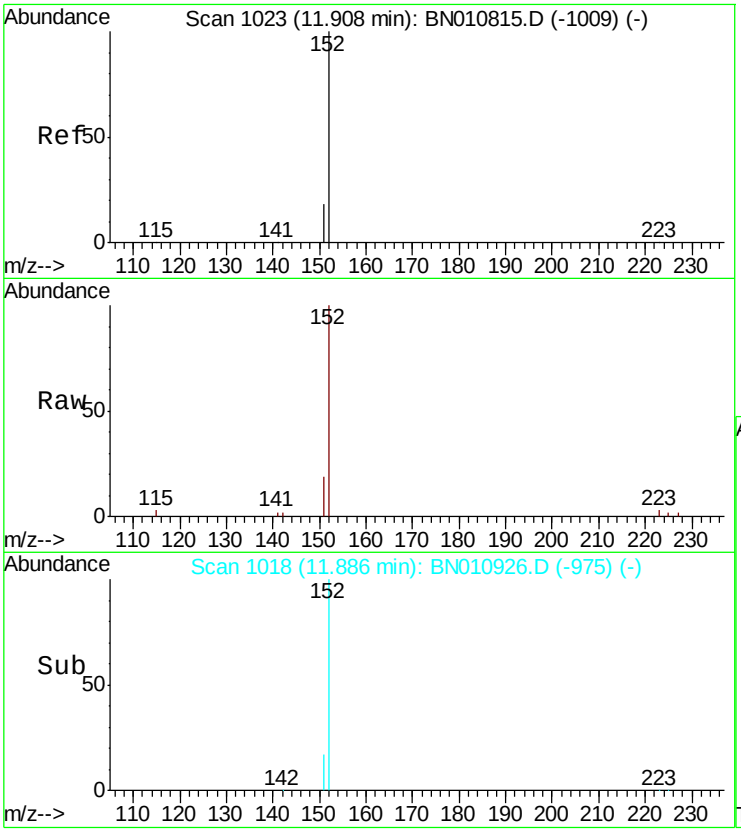


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion: 82 Resp: 2144

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.4	53.0
54	34.6	28.2	42.4



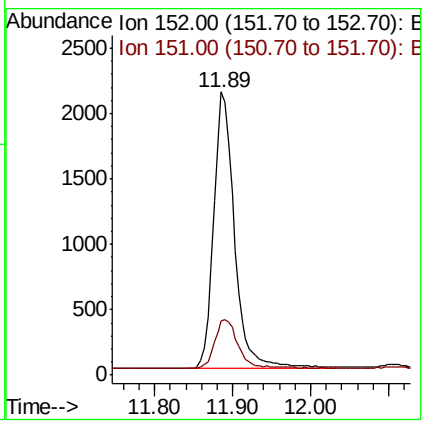


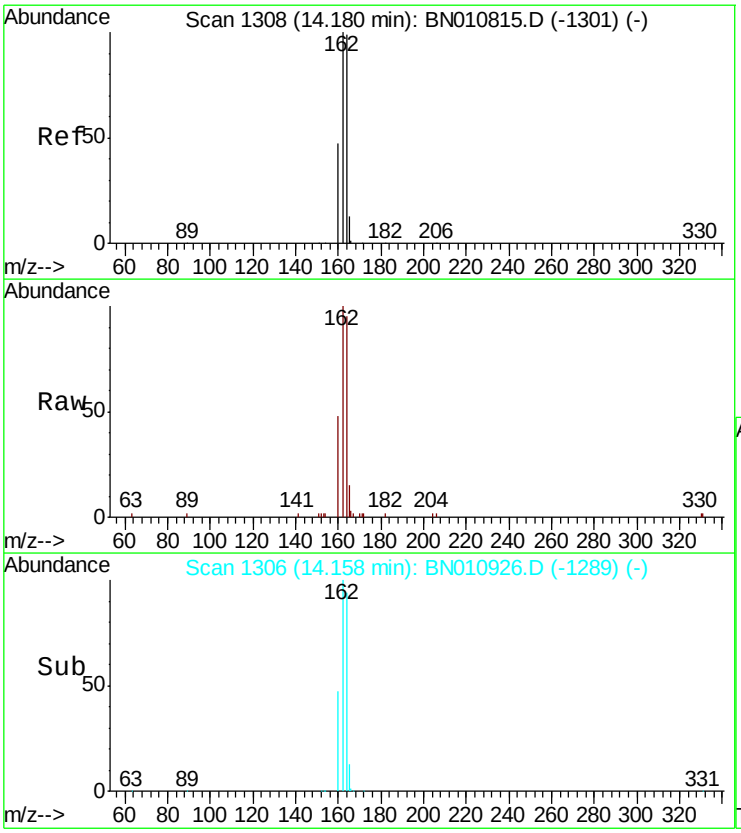
#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:152 Resp: 3930

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9

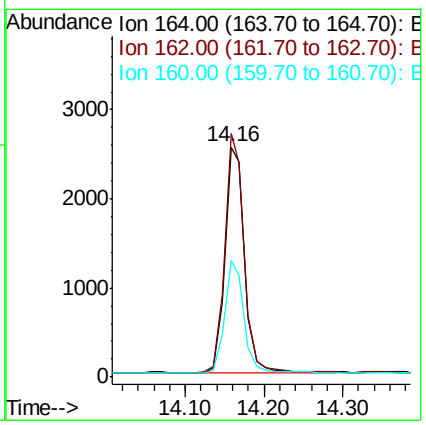


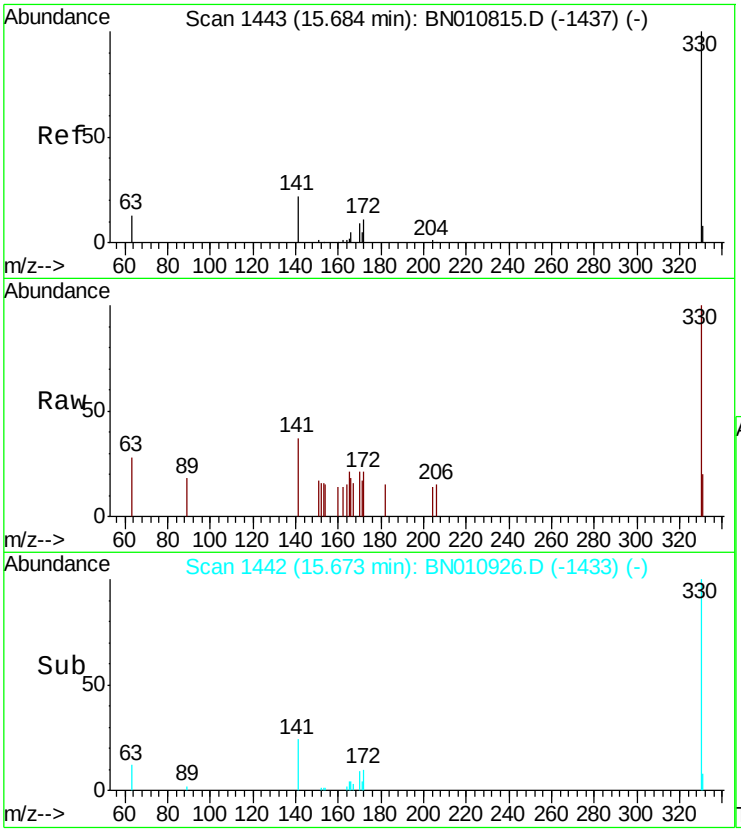


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:164 Resp: 4437

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.0	121.6
160	50.7	38.9	58.3



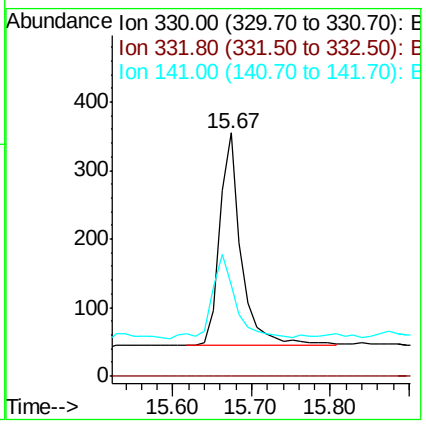


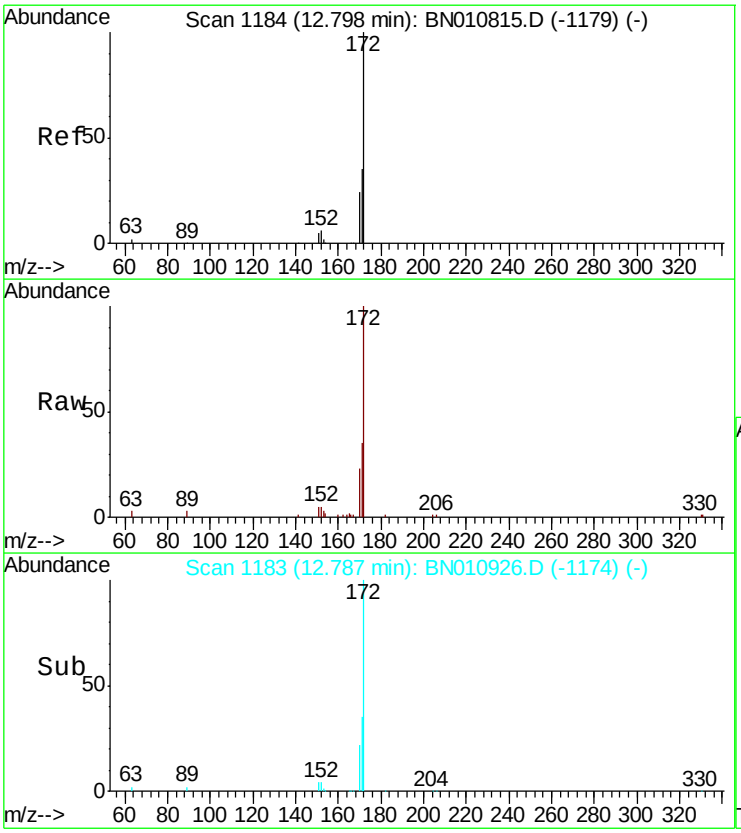
#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.67 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:330 Resp: 593

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.7	33.2	49.8

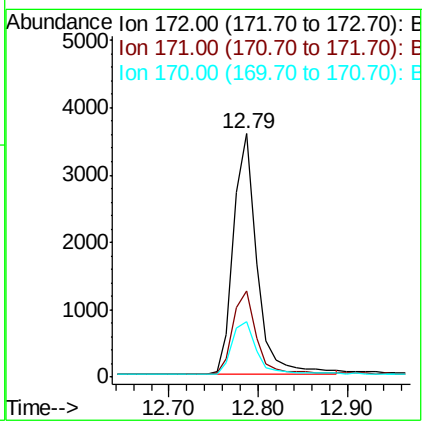


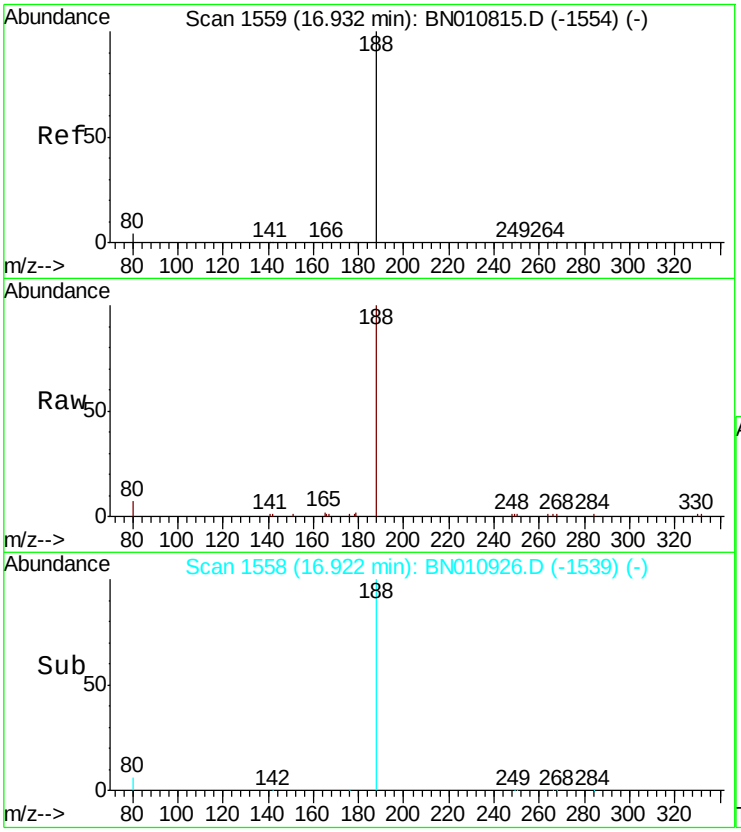


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:172 Resp: 6501

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.0	19.7	29.5



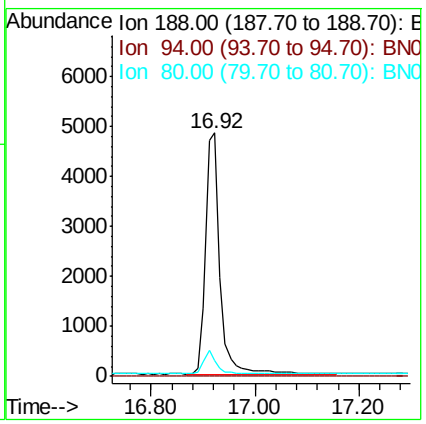


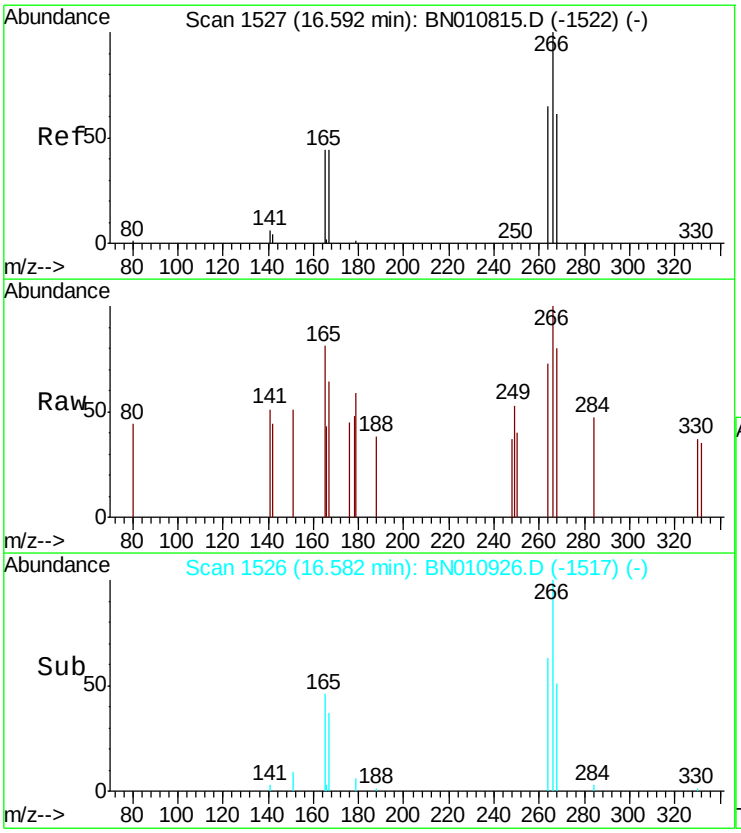
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:188 Resp: 9370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	4.5	6.7#

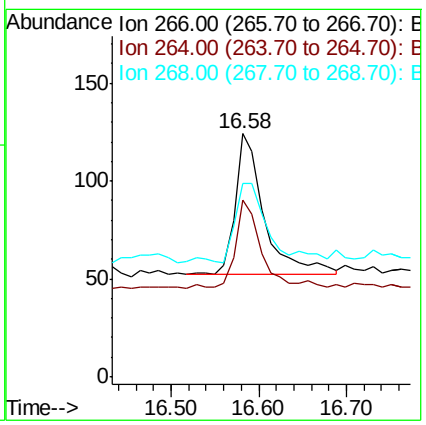


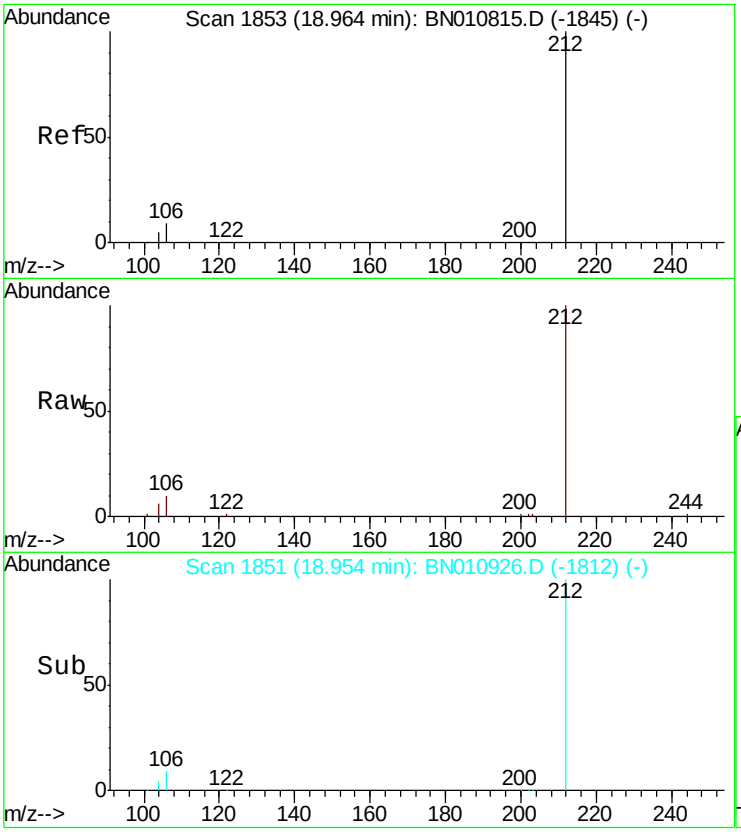


#22
Pentachlorophenol
Concen: 0.085 ng
RT: 16.58 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:266 Resp: 167

Ion	Ratio	Lower	Upper
266	100		
264	72.6	54.8	82.2
268	79.8	55.9	83.9



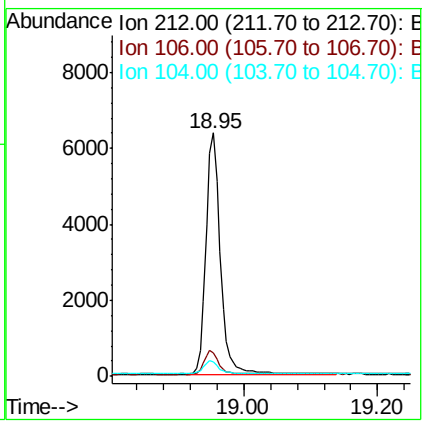


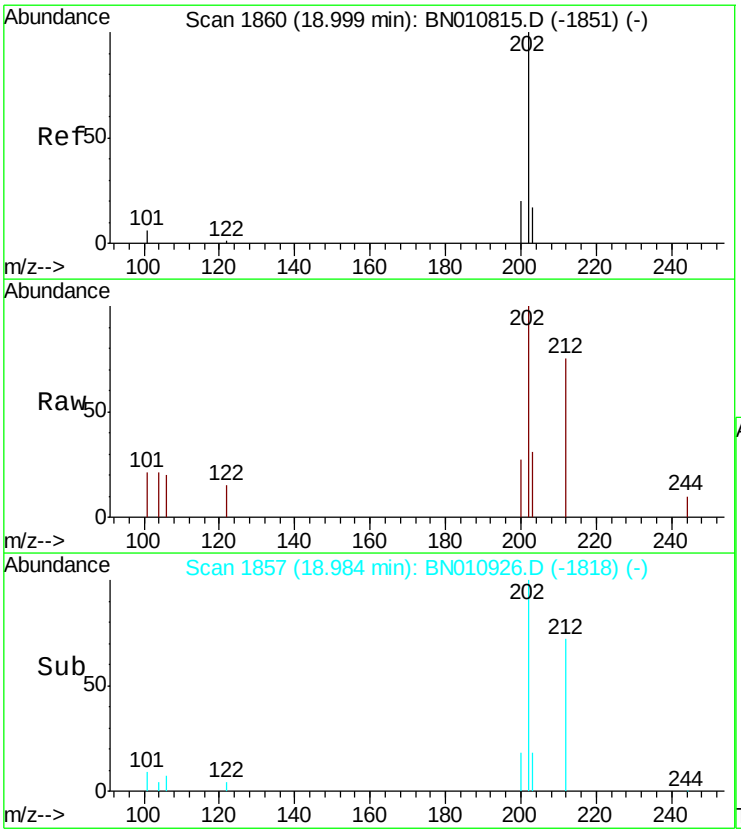
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:212 Resp: 9548

Ion	Ratio	Lower	Upper
212	100		
106	9.9	6.6	10.0
104	5.6	4.0	6.0

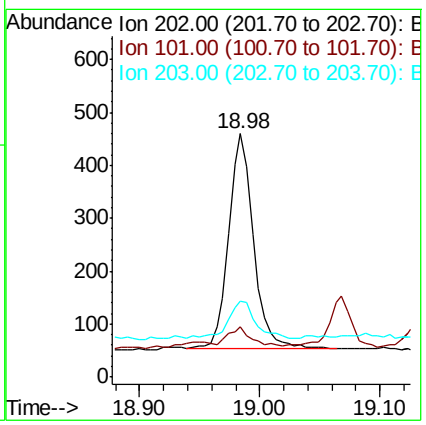


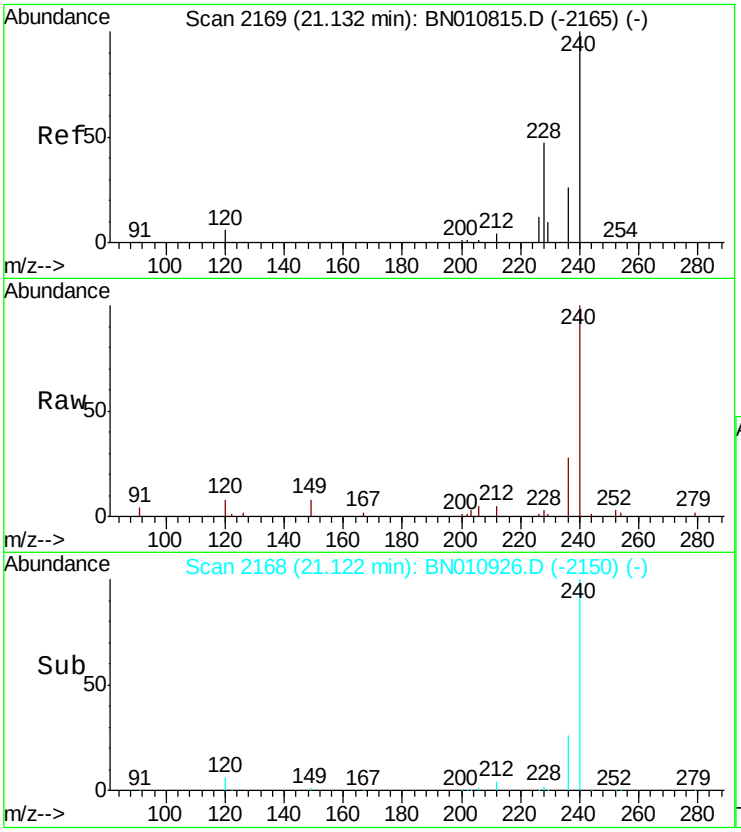


#26
Fluoranthene
Concen: 0.020 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:202 Resp: 587

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
203	20.3	13.7	20.5



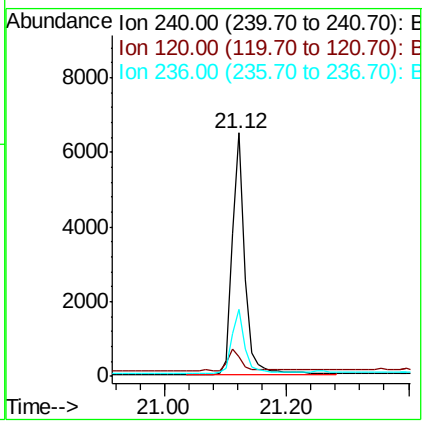


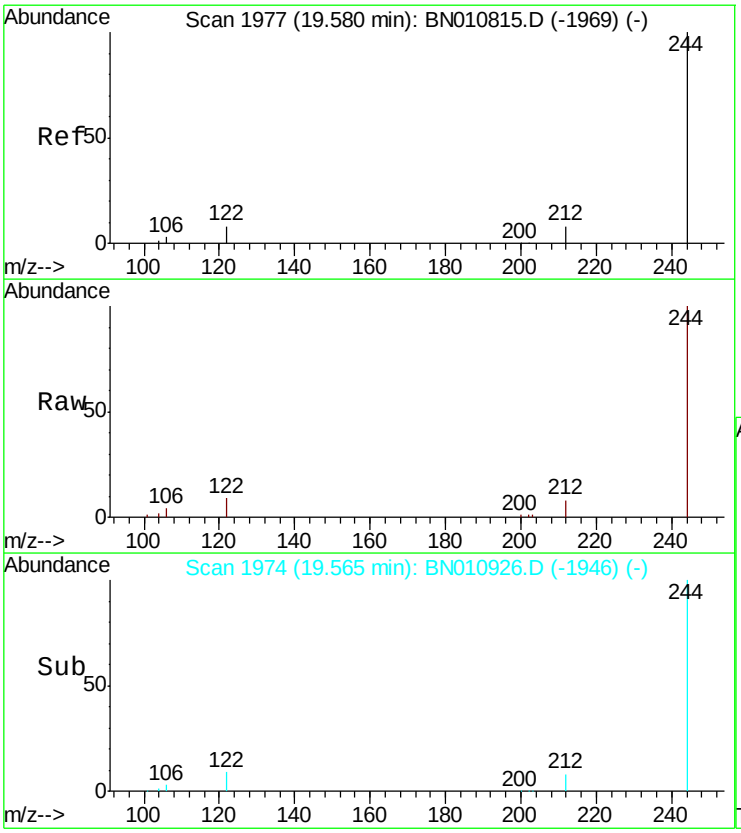
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument : BNA_N
ClientSampleId : RE132D2-20200608

Tgt Ion:240 Resp: 9354

Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.5	11.3
236	27.6	22.3	33.5

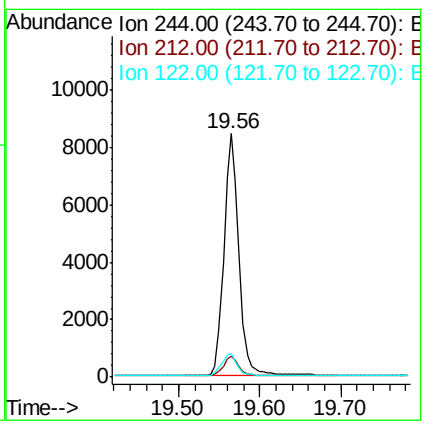


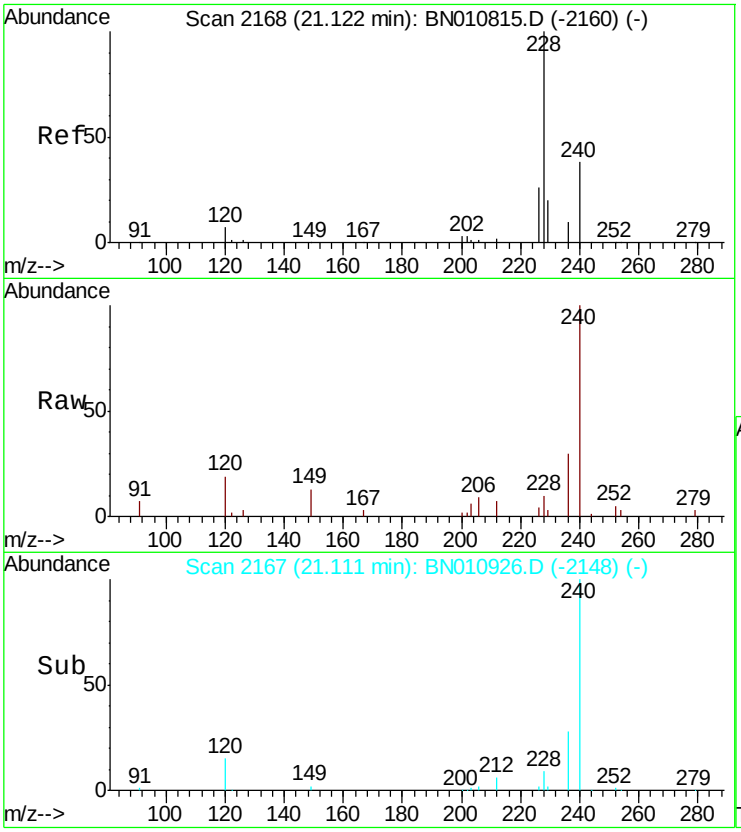


#29
Terphenyl-d14
Concen: 0.497 ng
RT: 19.56 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:244 Resp: 10871

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.4	7.5	11.3



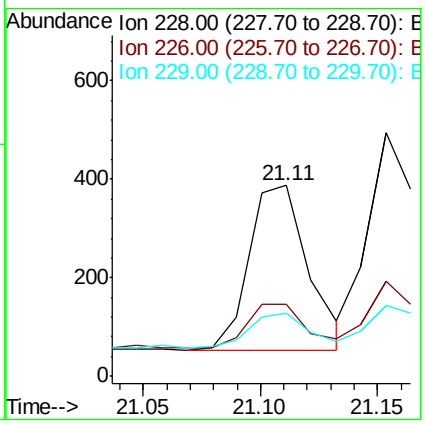


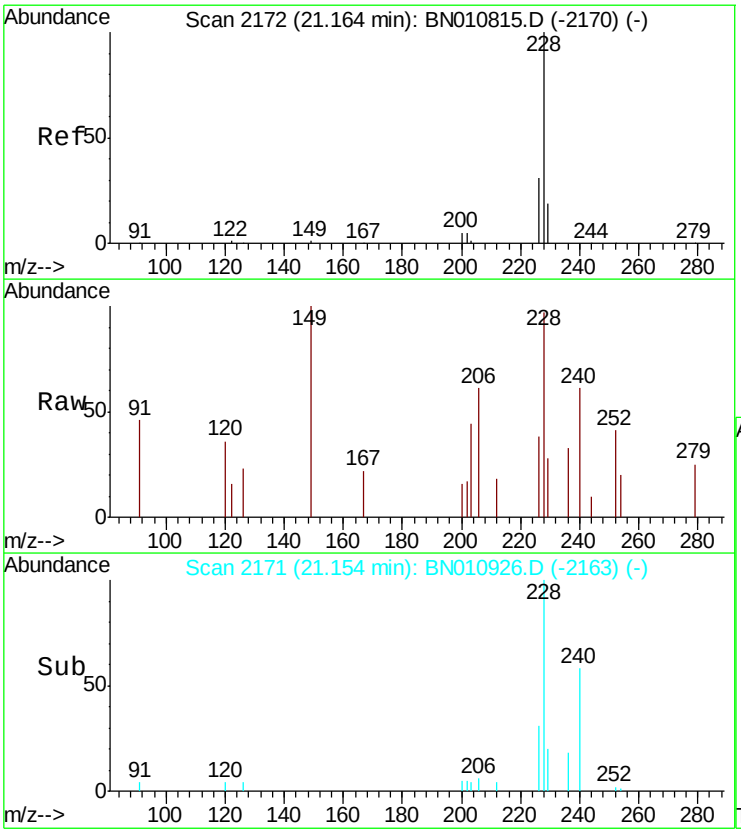
#30
Benzo(a)anthracene
Concen: 0.021 ng
RT: 21.11 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:228 Resp: 590

Ion	Ratio	Lower	Upper
228	100		
226	37.7	21.3	31.9#
229	32.8	16.6	24.8#

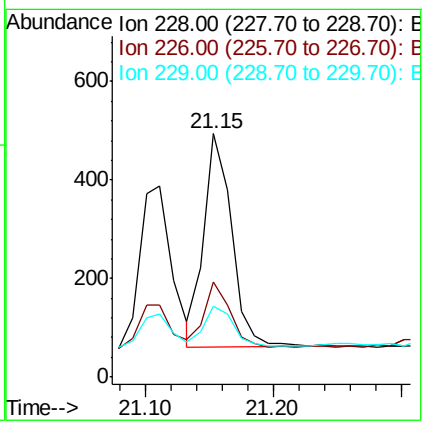


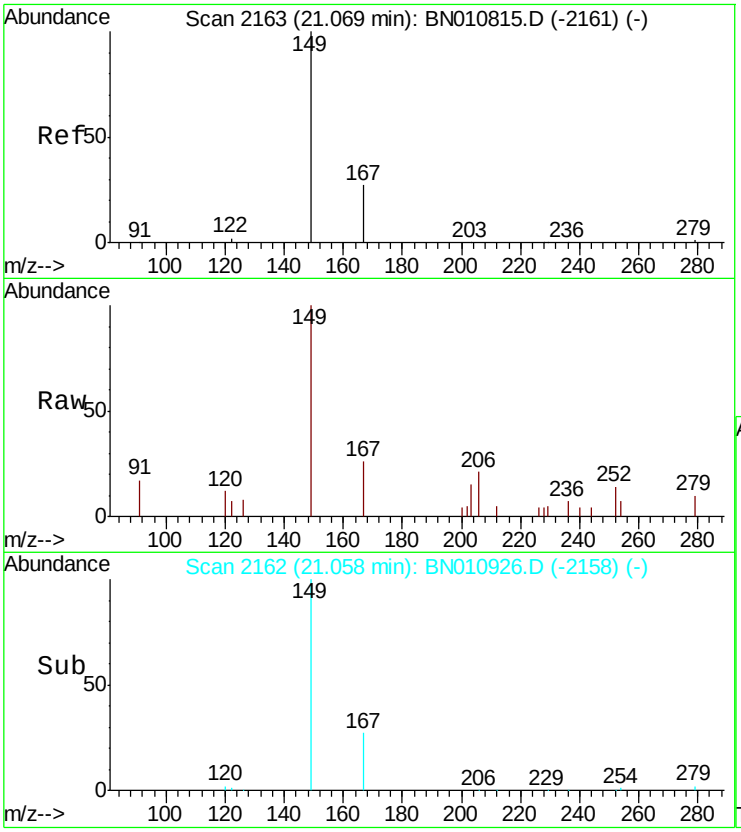


#31
Chrysene
Concen: 0.020 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:228 Resp: 652

Ion	Ratio	Lower	Upper
228	100		
226	39.3	25.0	37.6#
229	29.1	16.1	24.1#



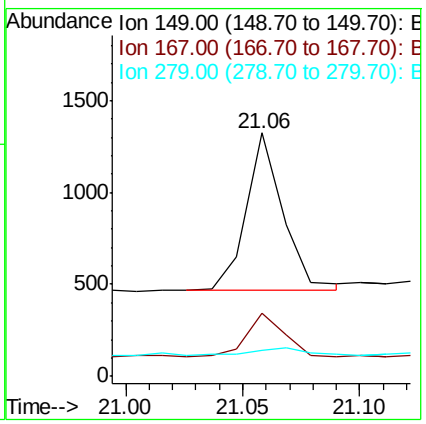


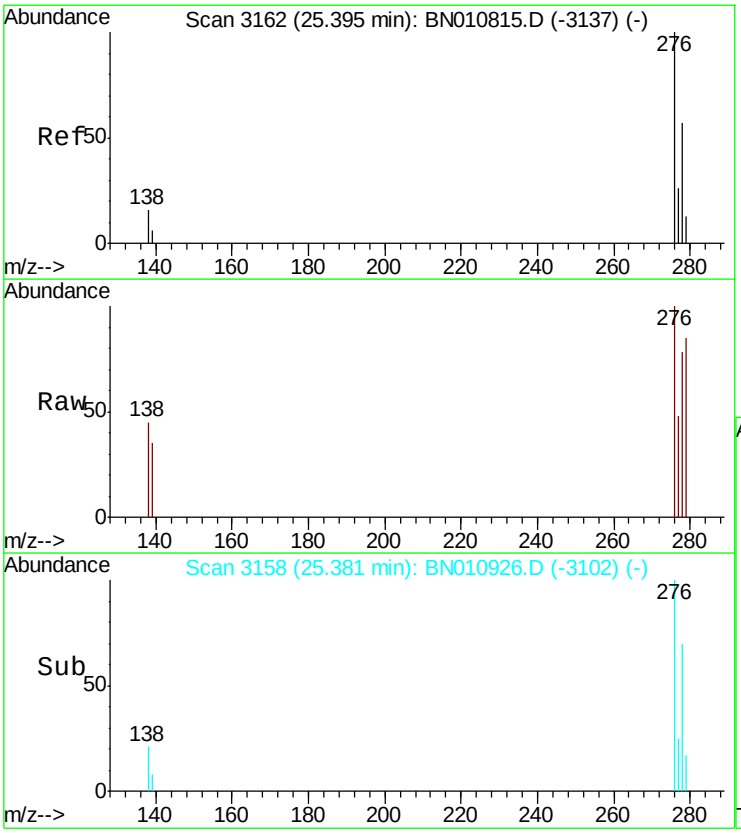
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:149 Resp: 944

Ion	Ratio	Lower	Upper
149	100		
167	27.6	24.1	36.1
279	7.1	4.6	7.0#

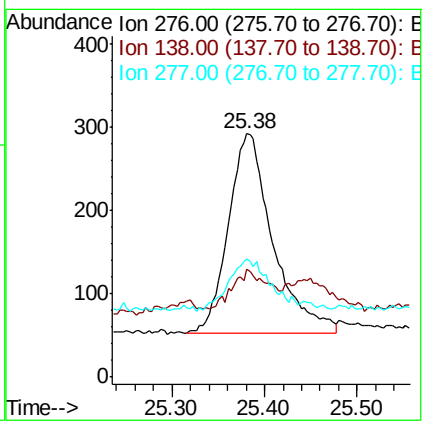


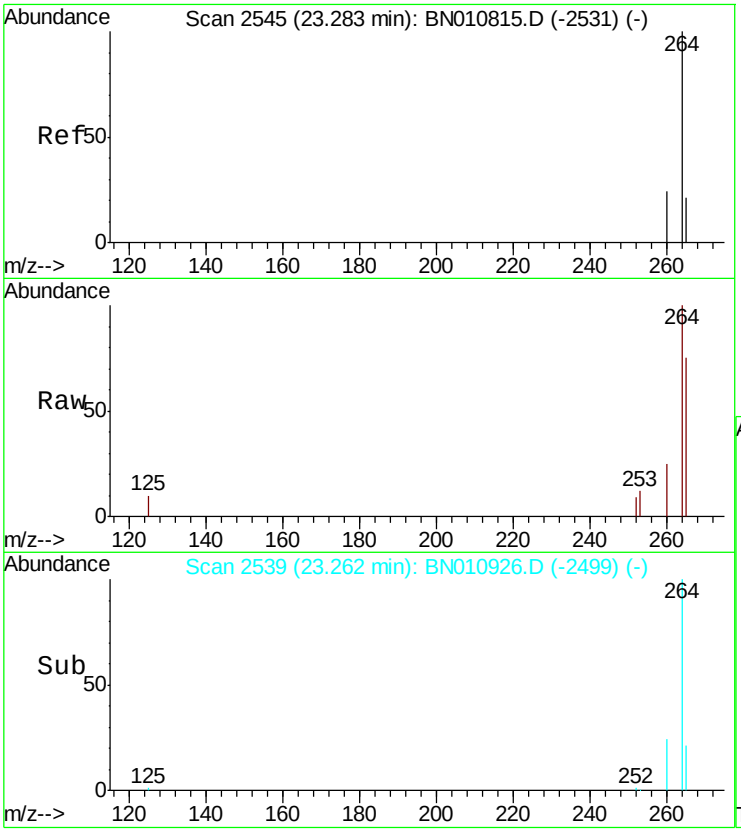


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 25.38 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:276 Resp: 805

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.0	19.6
277	25.3	19.7	29.5



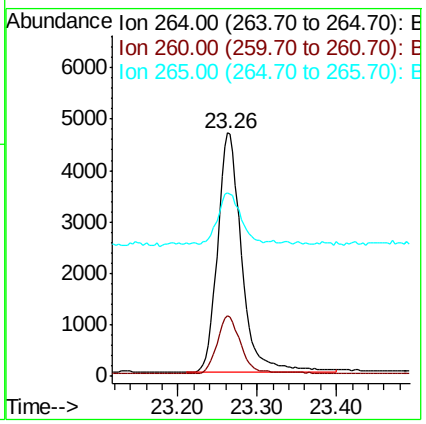


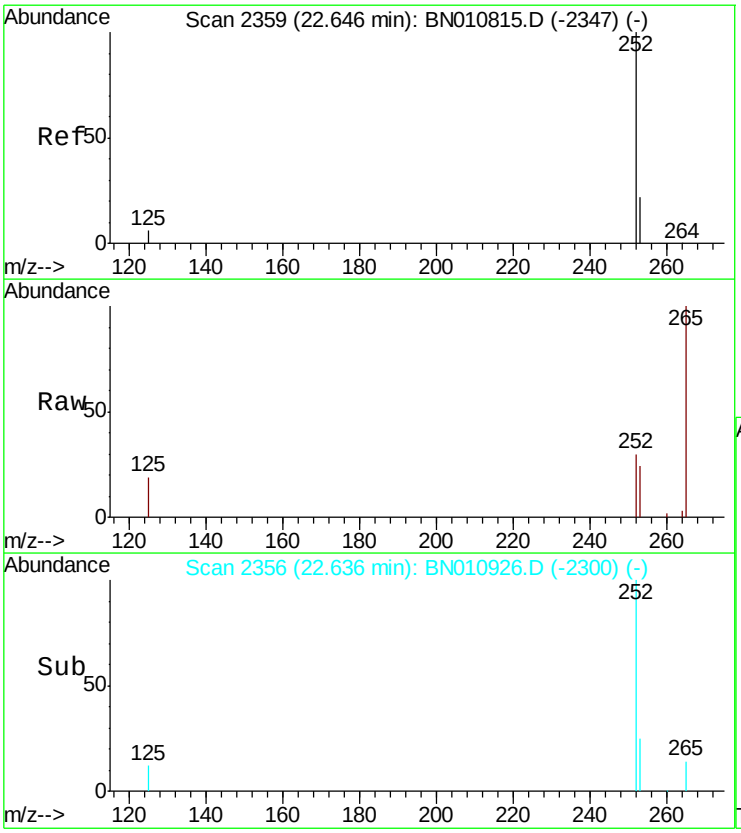
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:264 Resp: 9795

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	75.1	75.0	112.4

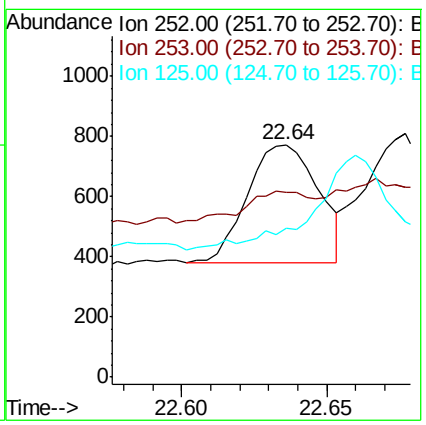


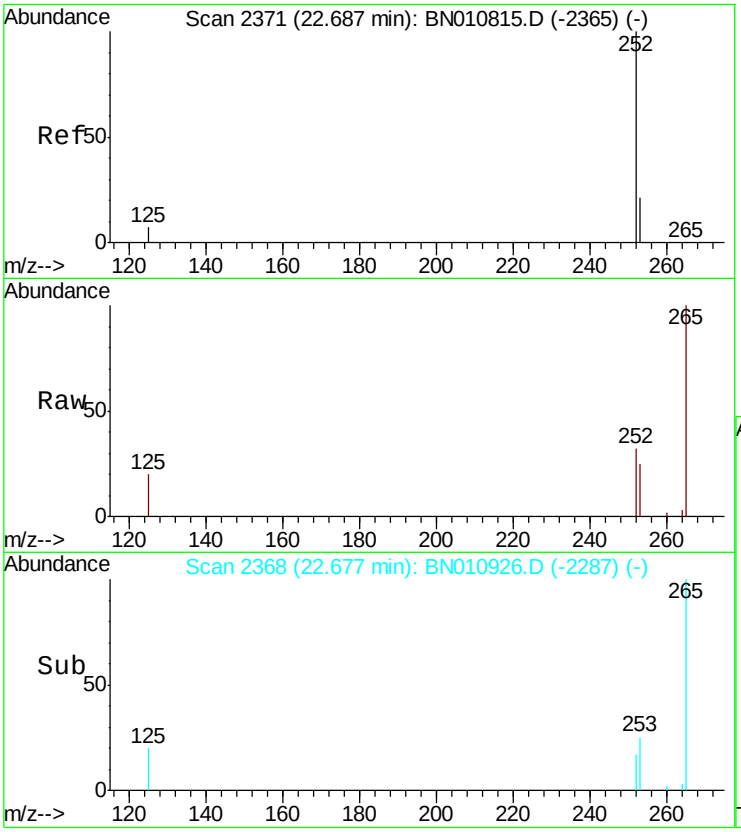


#35
Benzo(b)fluoranthene
Concen: 0.020 ng
RT: 22.64 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:252 Resp: 669

Ion	Ratio	Lower	Upper
252	100		
253	79.4	22.4	33.6#
125	64.0	9.4	14.0#



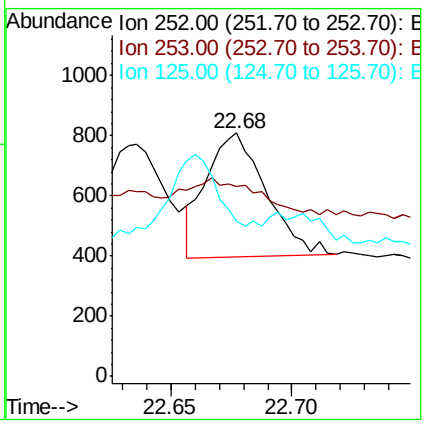


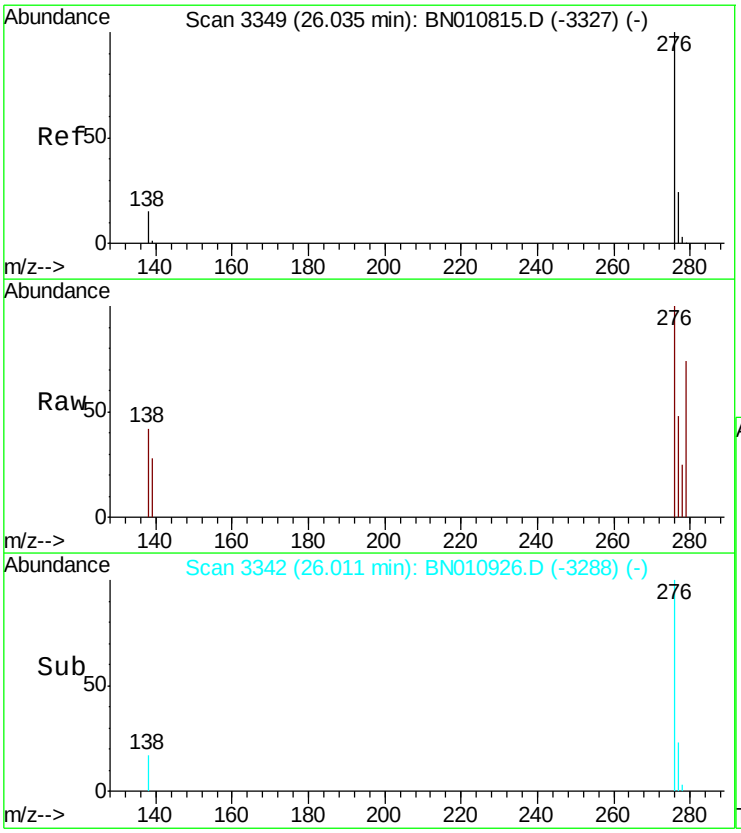
#36
Benzo(k)fluoranthene
Concen: 0.020 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200608

Tgt Ion:252 Resp: 711

Ion	Ratio	Lower	Upper
252	100		
253	77.9	22.2	33.4#
125	64.0	9.8	14.8#





#39
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.01 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BN010926.D
Acq: 17 Jun 2020 03:55

Tgt Ion:276 Resp: 720

Ion	Ratio	Lower	Upper
276	100		
277	47.5	20.5	30.7#
138	42.1	13.7	20.5#